

CYBER SECURITY GRADUATE CONCENTRATION

Concentration in Cyber Security

The Graduate Concentration in Cyber Security provides graduate students within the Hankamer School of Business exposure to 'best practice' concepts, techniques and methodologies critical to insuring data security in corporate/organizational environments. Furthermore, it is targeted towards addressing recent calls from the academic literature and professional journals to treat cyber security as a strategic organizational function rather than a back-office technical function. The purpose of the Concentration is to provide business graduate students with the necessary skills to develop and/or manage organizational processes, strategies, methodologies, and technologies designed to mitigate risks to the confidentiality, integrity, and availability of organizational data and information-related resources for preparation to take cyber-security related management positions in industry and/or consulting practices.

Admission into the concentration is contingent upon admission into the MBA, MSIS, MAcc, MTax, or MSEco programs.

The Concentration requirements are as follows:

| Code | Title | Hours |
|--|--|-----------|
| MIS Courses | | |
| MIS 5335 | Information Systems Analysis and Design | 3 |
| MIS 5340 | Database Management Systems | 3 |
| MIS 5355 | Management of Information Systems | 3 |
| Cyber Security Courses ¹ | | |
| ISEC 5305 | Seminar in Information Security Foundations | 3 |
| ISEC 5320 | Cyber Security Technology Factors | 3 |
| Select two courses from the following: | | 6 |
| ISEC 5310 | Cyber Security Human Factors: Ethics, Integrity, Practices, Policies, and Procedures | |
| ISEC 5330 | Cybersecurity Policy and Planning | |
| ISEC 5340 | Cyber Warfare, Threats, Vulnerabilities and Countermeasures | |
| Total Hours | | 21 |

¹ Substitutions may be made with prior Advisor Approval.